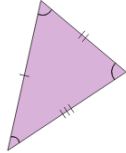




Classify triangles by angle type

1

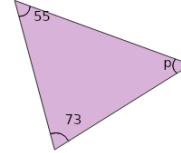
What would the sum of the inside angles on this shape be?



- | | | |
|---------------|---------------|---------------|
| A 360° | B 90° | C 120° |
| D 210° | E 180° | F 240° |

2

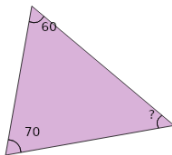
What is known about the angles labelled 55, 73, p



- | | | |
|---|---------------------------------------|--------------------------------------|
| A Nothing, 55, 73, and p are not related by any geometry rule | B 55 is the same as 73 | C 55, 73, and p add up to 90° |
| D 55 is half 73 | E 55, 73, and p add up to 180° | F p and 73 add to 55 |

3

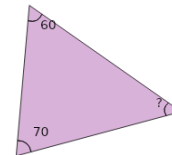
Find the equation that will help you calculate the missing angle of the triangle



- | | | |
|--------------------------|-----------------------|-----------------------|
| A $60 - 70 - ? = 360$ | B $60 + 70 + ? = 360$ | C $60 + 70 + ? = 180$ |
| D $2(60 + 70 + ?) = 180$ | E $60 + 70 + ? = 90$ | |

4

Find the missing angle of the triangle given that the interior angles must add up to 180°



- | | | |
|------|------|------|
| A 50 | B 90 | C 20 |
| D 30 | E 70 | F 40 |

5

right triangle

- | |
|---------------------------------------|
| A All angles are less than 90° |
| B One angle is more than 90° |
| C One angle equal to 90° |

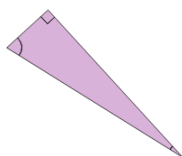
6

One angle is more than 90°

- | |
|-------------------|
| A acute triangle |
| B right triangle |
| C obtuse triangle |

7

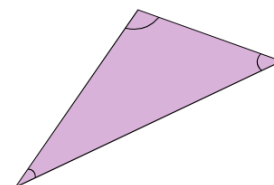
Name the type of triangle based on its angles:
Acute = all angles less than 90° , Right = one right angle, Obtuse = one angle more than 90°



- | | | |
|------------------|-------------------|------------------|
| A right triangle | B obtuse triangle | C acute triangle |
|------------------|-------------------|------------------|

8

Choose the right description of the triangle based on its angles



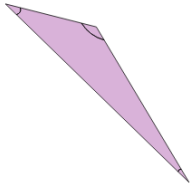
- | | | |
|-------------------------------------|---------------------------------------|---------------------------------|
| A One angle is more than 90° | B All angles are less than 90° | C One angle equal to 90° |
|-------------------------------------|---------------------------------------|---------------------------------|



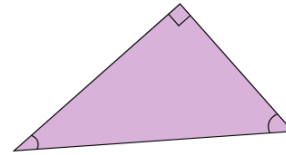
Classify triangles by angle type

9

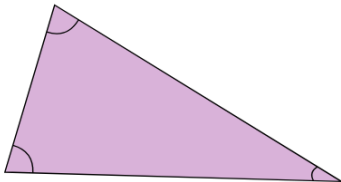
In geometry, what's the name for a triangle where one of the angles is more than 90° ?

☐ A Obtuse☐ B Orangutan**10**

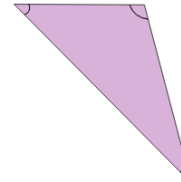
Name the type of triangle based on its angles:
Acute = all angles less than 90° , Right = one right angle, Obtuse = one angle more than 90°

☐ A right triangle☐ B obtuse triangle☐ C acute triangle**11**

Choose the right description of the triangle based on its angles

☐ A One angle is more than 90° ☐ B One angle equal to 90° ☐ C All angles are less than 90° **12**

In geometry, what's the name for a triangle where one of the angles is more than 90° ?

☐ A Obtuse☐ B Omicron